

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR 2005/001909

A. CLASSIFICATION OF SUBJECT MATTER IPC <sup>7</sup> : D06F 37/40, D06F 23/06 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC <sup>7</sup> : D06F  Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched ----- Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPODOC, WPI, PAJ, TXTn		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 386 995 A1 (SANYO ELECTRIC CO. LTD.) 4 February 2004 (04.02.2004) figure 1, paragraphs [0038] - [0040].	1  42, 43, 46, 54
A	-----	
Y	US 5 865 047 A (YOON ET AL.) 2 February 1999 (02.02.1999) figures 1, 3, column 2, line 20 - column 4, line 62.	1  42, 43, 46, 54
A	-----	
A	US 6 176 108 B1 (BAE ET AL.) 23 January 2001 (23.01.2001) figure 1, column 4, line 66 - column 6, line 42.	1, 42, 43, 46, 54
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<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "B" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application as it is cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when this document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "Z" document member of the same patent family		
Date of the actual completion of the international search 29 August 2005 (29.08.2005)		Date of mailing of the international search report 16 September 2005 (16.09.2005)
Name and mailing address of the ISA/AT Austrian Patent Office Dresdner Straße 87, A-1200 Vienna Facsimile No. +43 / 1 / 534 24 / 535		Authorized officer WININGER B.  Telephone No. +43 / 1 / 534 24 / 490

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

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